



FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
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Sheet 1 of 2

ATTORNEY DOCKET No.

SERIAL No.

00988/1/US (6794-000053/US)

10/618,288

APPLICANT

Thomas E. Barta, et al.

FILING DATE

GROUP

April 25, 2003

Unknown

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate)

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
56.	FB	WO 00/46221	8/10/00	PCT	C07D A05H2		
57.		WO 00/50396	8/31/00	PCT	C07D 211/66		
58.		WO 00/59874	10/12/20	PCT	C07C 259/06		
59.		WO 00/69819	11/23/20	PCT	C07D 211/16		
60.		WO 00/69821	11/23/00	PCT	C07D 211/66		
61.		WO 00/74681	12/14/00	PCT	A61K 31/451		
62.		WO 02/092588	11/21/02	PCT	C07D 309/08		
63.		WO 03/007930	1/30/03	PCT	A61K 31/166		

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64.	FB	Brown, "Synthetic Inhibitors of Matrix Metalloproteinases"; <i>Matrix Metalloproteinases</i> , pp. 243-261 (Academic Press, San Diego, CA, Eds. Park, W.C., & Mecham, R.P., 1998)
65.		Dack, et al., "Preparation of N-hydroxytetrahydropyridylsulfonfylacetamides and related compounds as matrix metalloprotease inhibitors," CA 131:44740 (1999) [CA Plus Accession No. 1999:388166]
66.		Denis, et al., "Matrix metalloproteinase inhibitors: Present achievements and future prospects," <i>Invest New Drugs</i> , 15:175-185 (1997).
67.		Freije, et al., "Molecular cloning and expression of collagenase-3, a novel human matrix metalloproteinase produced by breast carcinomas," <i>J. Biol. Chem.</i> , 269(24), pp. 16766-16773 (1994)
68.		Gearing, et al., "Processing of tumour necrosis factor- α precursor by metalloproteinases," <i>Nature</i> , 370:555-557 (1994).

Examiner:

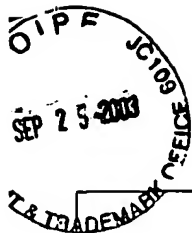
F Bernhardt

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7/8/05

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Sheet 2 of 2

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69.	FB	Gu, et al., "S-Nitrosylation of Matrix Metalloproteinases: Signaling Pathway to Neuronal Cell Death," <i>Science</i> , 297, 1186-1190 (2002)
70.		Hughes, et al., "Monoclonal antibodies that specifically recognize neoepitope sequences generated by 'aggrecanase' and matrix metalloproteinase cleavage of aggrecan: application to catabolism <i>in situ</i> and <i>in vitro</i> ," <i>Biochem. J.</i> , 305, 799-804 (1995)
71.		Kenyon, et al., "A model of angiogenesis in the mouse cornea," <i>Invest Ophthalmol. Vis. Sci.</i> , 37(8):1625-1632 (1996).
72.		Knight, et al., "A novel coumarin-labelled peptide for sensitive continuous assays of the matrix metalloproteinases," <i>FEBS Lett.</i> , 296(3):263-266 (1992).
73.		Kuzmic, et al., "High-throughput screening of enzyme inhibitor: simultaneous determination of tight-binding inhibition constants and enzyme concentration," <i>Anal. Biochem.</i> , 286, 45-50 (2000)
74.		Luckow, et al., "Insect Cell Expression Technology", <i>Protein Engineering: Principles and Practice</i> , pp. 183-218 (John Wiley & Sons, Inc., New York, NY, Edited by J.L. Cleland et al., 1996)
75.		Luckow, et al., "Efficient generation of infectious recombinant baculoviruses by site-specific transposon-mediated insertion of foreign genes into a baculovirus genome propagated in <i>escherichia coli</i> ," <i>J. Virol.</i> , 67(8):4566-4579 (1993)
76.		McClure, et al., "Matrix metalloprotease (MMP)-13 selective inhibitors for treatment of arthritis deformans and other MMP-related diseases," CA 131:125454 (1999) [CA Plus Accession No. 1999:468334]
77.		McGeehan, et al., "Regulation of tumour necrosis factor- α processing by a metalloproteinase inhibitor," <i>Nature</i> , 370:558-561 (1994).
78.		Mitchell, et al., "Cloning, expression, and type II collagenolytic activity of matrix metalloproteinase-13 from human osteoarthritic cartilage," <i>J. Clin. Invest.</i> , 97(3):761-768 (1996).
79.		Rasmussen, et al., "Matrix metalloproteinase inhibition as a novel anticancer strategy: a review with special focus on batimastat and marimastat," <i>Pharmacol. Ther.</i> , 75(1):69-75 (1997).
80.		Reboul, et al., "The new collagenase, collagenase-3, is expressed and synthesized by human chondrocytes but not by synoviocytes," <i>J. Clin. Invest.</i> , 97(9):2011-2019 (1996).
81.		Schwartz, et al., "Synthetic inhibitors of bacterial and mammalian interstitial collagenases," <i>Prog. In Med. Chem.</i> , 29:271-334 (1992).
82.	↓	Tang, "ADAMTS: a novel family of extracellular matrix proteases," <i>Int'l J. Biochem. Cell Biol.</i> , 33, 33-44 (2001)
83.	FB	Woessner, "The Matrix Metalloproteinase Family," <i>Matrix Metalloproteinases</i> , pp. 1-14 (Academic Press, San Diego, CA, Eds. Parks, W.C. & Mecham, R.P., 1998)
84.	FB	A partial search report from PCT Appl. No. PCT/US03/13123

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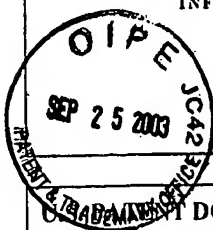
Thomas E. Barta, et al.

FILING DATE

April 25, 2003

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Unknown



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1.	FB	4,595,700	6/17/86	Donald, et al.	514/616	
2.	FB	5,451,676	9/19/95	Whittaker, et al.	546/118	
3.	FB	5,472,978	12/5/95	Baker, et al.	514/443	
4.	FB	5,475,138	12/12/95	Pal, et al.	564/342	
5.	FB	5,932,595	8/3/99	Bender, et al.	514/317	
6.	FB	5,998,412	12/7/99	Broka, et al.	514/250	
7.	FB	5,599,994	2/4/97	Pal, et al.	564/355	
8.	FB	6,013,649	1/11/00	Freskos, et al.	514/237.8	
9.	FB	6,300,514	10/9/01	Takahashi, et al.	560/17	
10.	FB	6,372,758 (including 9/5/01 Office action and 10/25/01 notice of allowance from corresponding Appl. No. 09/884,548)	4/16/02	DeCrescenzo, et al.	514/316	
11.		6,387,931 (withdrawn)	5/14/02	Dack, et al.	514/318	
12.	FB	6,448,250 (including 9/5/01 Office action and 1/29/02 notice of allowance from corresponding Appl. No. 09/499,276)	9/10/02	DeCrescenzo, et al.	514/252	
13.	FB	6,492,367 (including 7/5/02 notice of allowance from corresponding Appl. No. 10/084,713)	12/10/02	DeCrescenzo, et al.	514/252	
14.	FB	6,495,568	12/17/02	Dack, et al.	514/318	
15.		U.S. Appl. No. 09/311,837		Barta, et al.		5/14/99
16.	FB	Allowed U.S. Publ. No. 20030073718	4/17/03	Barta, et al.		11/21/01

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17.	Allowed Appl. No. 10/142,737 ✓		Freskos, et al.	5/10/02
18.	U.S. Appl. No. ✓ 10/291,983		Freskos, et al.	11/12/02
19.	Appl. No. 10/262,622 (including pending independent claims) ✓ 12/19/02 Office action and 1/22/03 Office action	P.F.	DeCrescenzo, et al.	9/30/02
20.	<i>FB</i> Allowed U.S. Publ. No. 20030171404	9/11/03	Barta, et al.	7/12/02

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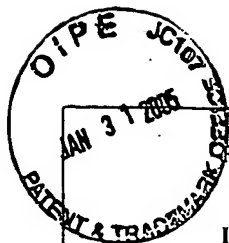
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00988/I/US (Pfizer Ref. 27378/USA)	10/618,288
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April 25, 2003	1614

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	FB	6,683,093	1/27/04	Barta, et al.	514/316	11/21/01
2.	FB	6,689,794	2/10/04	Freskos, et al.	514/318	5/10/02
3. (notice of allowance enclosed)	FB	6,800,646, including 11/21/03 notice of allowance	10/5/04	DeCrescenzo, et al.	514/316	9/30/02
4.	FB	6,683,078	1/27/04	Barta, et al.	514/231.5	7/12/02
5. (pending claims and Office action enclosed)		Pending claims and 12/2/04 Office action from U.S. Appl. No. 10/887,490		Buchm et al.		7/8/04
6. (pending claims enclosed)		Pending claims from Appl. No. 10/708,202		McDonald, et al.		11/3/03

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
7.	FB	10/9/03 Search Report and 8/3/04 International Preliminary Examination Report from International Patent Application No. PCT/US03/13123

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